

CLAIMS

1. A substrate, in particular window pane (1), with an electrically conducting and heatable coating (2), at least one communication window (5) made in the latter in the form of an interruption of said coating, the window being able to allow through a so-called communication radiation used as signal carrying information to be transmitted and whose wavelength lies in a span of wavelengths that can be reflected or absorbed by the coating (2), and another electrically conducting element in contact with at least one part of edges of the window (5) and in contact with the coating, **characterized in that** the communication window (5) is provided with an electrically conducting covering (6) and linked electrically to said other electrically conducting element.
2. The substrate as claimed in claim 1 characterized in that the covering (6) is deposited on the coating (2) in such a way that it covers on all the sides the edges of the communication window (5) without coating and furthermore comprises said other electrically conducting element.
3. The substrate as claimed in one of claims 1 or 2 characterized in that the covering (6) exhibits a lower ohmic resistance per unit surface area than the ohmic resistance per unit surface area of said coating (2).
4. The substrate as claimed in one of claims 1 to 3, characterized in that the coating can be energized and hence heated by an electrical voltage by means of at least two electrodes (4), and in that the electrically conducting covering (6) is situated in the current flow between the electrodes.
5. The substrate as claimed in one of claims 1 to 4, characterized in that the covering (6) can also be heated in the form of resistance heating.
6. The substrate as claimed in any one of the preceding claims, characterized in that interruptions (7) are made in the covering (6), which increase its permeability to said communication radiation through the communication window but which do not however prevent current flow through the covering (6).
7. The substrate as claimed in claim 6, characterized in that the interruptions (7) in the covering (6) consist of slot antennas tuned to said communication radiation through the communication window (5).

8. The substrate as claimed in one of claims 6 or 7, characterized in that, the interruptions (7) are formed in various directions, in particular perpendicularly to one another.

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9. The substrate as claimed in claim 8, characterized in that the interruptions (7) take the form of crossed slots and/or of right slots oriented alternately perpendicularly to one another.

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10. The substrate as claimed in any one of the preceding claims, characterized in that the covering (6) is manufactured by printing, in particular by silk-screen printing of an electrically conducting ink.

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11. The substrate as claimed in any one of the preceding claims, characterized in that provision is made for at least two electrodes (4) in the form of bands, applied by printing, in particular by silk-screen printing, so as to introduce a heating voltage into the coating (2).

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12. The substrate as claimed in claim 11, characterized in that the covering (6) and the electrodes (4) are composed of the same substance and are preferably printed in a single operation.

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13. The substrate as claimed in any one of claims 1 to 12 characterized in that said covering forms at least in part a sun visor, preferably situated between two fold-down sun visors.

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14. The substrate as claimed in any one of the preceding claims, constituted by a laminated pane (1) composed of a first rigid pane (1.2) provided with the coating (2) and the covering (6), said other electrically conducting element, an adhesive layer (3) and a second rigid pane (1.1).